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PAGE 01 PARIS 14330 01 OF 05 032043Z

ACTION OES-07

INFO OCT-01 EUR-12 ISO-00 NSF-02 EPA-04 NAS-01 SOE-02

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UNCLAS SECTION 01 OF 05 PARIS 14330

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SUBJ: FRENCH SCIENTIFIC AND TECHNOLOGICAL ACTIVITIES -
LATE MARCH THROUGH APRIL 1978

REF: PARIS 8647

A. THE FOLLOWING BRIEF NEWS SUMMARIES REPRESENT THE
THIRD IN A TENTATIVE SERIES OF CABLES REPORTING FRENCH
SCIENCE OR TECHNOLOGY RELATED ACTIVITIES. IF FURTHER
INFORMATION ON ANY OF THESE ITEMS IS DESIRED, PLEASE
RESPOND TO THIS EMBASSY, ATTENTION SCIENCE OFFICE, GIVING
SPECIFIC REFERENCE AND NATURE OF DESIRED ADDITIONAL
INFORMATION.

B. TOPICS INCLUDED: NATIONAL BUREAU OF METROLOGY
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PAGE 02 PARIS 14330 01 OF 05 032043Z

NOMINATIONS; NATIONAL ASSOCIATION FOR TECHNICAL RESEARCH
BUREAU CHANGES; NEW NATIONAL AIR AGENCY; NEW DIRECTOR
FOR PREVENTION OF POLLUTION AND NUISANCES; SCIENCE AND
TECHNOLOGY RESEARCH CONSULTING COMMITTEE; PUK-COGEMA
TRANSACTIONS IN URANIUM; FRENCH CHEMISTRY FEDERATION;
FRANCO-SPANISH AGREEMENTS WITH CEA SUBSIDIARY;
EUROPEAN INFORMATION NETWORK; CANADIAN SCIENTISTS TO

STUDY BLACK TIDE" CONSEQUENCES; EPIDEMIOLOGY CENTER
IN LYON; HYDROGEN; FRANCO-SPANISH METROLOGY
AGREEMENT; ANDRE GIRAUD DECORATED BY JAPANESE; AMERICAN
NATIONAL ENGINEERING ACADEMY NAMES FOREIGN
ASSOCIATES"; WMO SCIENCES COMMISSION PRESIDENT;
ELECTRO-NUCLEAR ENERGY INFORMATION COUNCIL.

1. "NOMINATIONS TO THE NATIONAL BUREAU OF METROLOGY" -
A.F.P. SCIENCES, MARCH 9, 1978, NO. 119, P.1

"THE MINISTRY OF INDUSTRY, COMMERCE AND ARTISANAT,
FEBRUARY 21, NAMED CLAUDE FREJACQUES AS PRESIDENT OF
THE DIRECTION COMMITTEE OF THE NATIONAL BUREAU OF
METROLOGY FOR THE PERIOD OF ONE YEAR. MR. FREJACQUES
IS CURRENTLY DIRECTOR OF THE CHEMICAL DIVISION AT THE
FRENCH ATOMIC ENERGY AGENCY. GEORGES DENEGRE, GRADUATE
OF THE 'ECOLE DES MINES', WILL REMAIN SECRETARY
GENERAL.

"THE FOLLOWING PEOPLE HAVE BEEN NAMES TO THE
SCIENTIFIC COUNCIL AND DIRECTION COMMITTEE:

CLAUDE FREJACQUES, DIRECTOR OF THE CHEMICAL
DIVISION OF THE ATOMIC ENERGY AGENCY
PIERRE-MARIE FOURT, PRESIDENT-DIRECTOR GENERAL OF
SOCIETE 'INSTRUMENT SA'
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PAGE 03 PARIS 14330 01 OF 05 032043Z

PIERRE GRIVET, DIRECTOR OF THE BASIC ELECTRONICS
INSTITUTE, UNIVERSITY OF PARIS XI
PIERRE PELLERIN, DIRECTOR, CENTRAL PROTECTION SERVICE
AGAINST IONIZING RAYS, MINISTRY OF HEALTH
LUCIEN SLAMA, DIRECTOR, STUDY AND RESEARCH CENTER,
ELECTROMECHANICAL COMPANY"

2. "CHANGE IN THE BUREAU OF THE NATIONAL ASSOCIATION
FOR TECHNICAL RESEARCH (ANRT)" - A.F.P. SCIENCES,
MARCH 9, 1978, NO. 119, P.4

"ANRT HAS CHANGED THE COMPOSITION OF ITS OFFICE AS
FOLLOWS:

PRESIDENT - MR. DE LA PALME
VICE PRESIDENT - MESSRS. DELERIVE AND CHAVANCE
SECRETARY - MR. MAIRE
TREASURER - MR. CREYSSSEL"

3. "JEAN-MICHEL BIREN TO HEAD NEW NATIONAL AIR AGENCY"-
A.F.P. SCIENCES, MARCH 16, 1978, NO. 120, P.2

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PAGE 01 PARIS 14330 02 OF 05 032051Z
ACTION OES-07

INFO OCT-01 EUR-12 ISO-00 NSF-02 EPA-04 NAS-01 SOE-02
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AMEMBASSY ROME

UNCLAS SECTION 02 OF 05 PARIS 14330

"THE MINISTRY OF CULTURE AND ENVIRONMENT HAS
ANNOUNCED THAT JEAN-MICHEL BIREN, GRADUATE OF THE 'ECOLE
DES MINES' IN THE DIRECTION FOR THE PREVENTION OF
POLLUTIONS AND NUISANCES, WILL TAKE CHARGE OF THE NEW
NATIONAL AIR AGENCY TO BE ESTABLISHED IN METZ. THIS
AGENCY WILL BE RESPONSIBLE FOR INFORMING THE PUBLIC ON
THE STRUGGLE AGAINST ATMOSPHERIC POLLUTION, REINFORCING
THE MONITORING OF AIR QUALITY, PROMOTING STUDIES AND
RESEARCH, AND DEVELOPING AND DEMONSTRATING TECHNIQUES
TO PREVENT AIR POLLUTION."

4. "NOMINATION OF NEW DIRECTOR FOR THE PREVENTION OF
POLLUTION AND NUISANCES" - A.F.P. SCIENCES, MARCH 16,
1978, NO. 120, P.6

"BY DECREE APPEARING IN THE FRENCH GOVERNMENT'S
OFFICIAL JOURNAL OF MARCH 11, 1978, THIERRY CHAMBOLLE,
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PAGE 02 PARIS 14330 02 OF 05 032051Z

GRADUATE OF THE 'ECOLE DES PONTS ET CHAUSSEES', WAS NAMED DIRECTOR FOR THE PREVENTION OF POLLUTIONS AND NUISANCES IN THE MINISTRY OF CULTURE AND ENVIRONMENT."

5. "NEW MEMBERS ANNOUNCED FOR CONSULTING COMMITTEE FOR SCIENCE AND TECHNOLOGY RESEARCH (CCRST)" - A.F.P. SCIENCES, MARCH 30, 1978, NO. 122, P.1

"THE FRENCH GOVERNMENT ANNOUNCED MARCH 23 THE COMPOSITION OF ITS LATEST ADVISORY COMMITTEE. THE FORMER CONSULTING COMMITTEE, REACHING THE END OF ITS TWO-YEAR MANDATE, CHARACTERIZED THE STATE OF RESEARCH IN FRANCE AS DISQUIETING AND AS JEOPARDIZING THE FUTURE OF THE COUNTRY.

"AMONG THE 16 MEMBERS, 5 WERE MEMBERS OF THE PREVIOUS COMMITTEE. THEY ARE:

PIERRE BOUVAREL, INSPECTOR-GENERAL OF AGRONOMIC RESEARCH AT THE NATIONAL INSTITUTE FOR AGRONOMIC RESEARCH (INRA)

PIERRE FILLET, DIRECTOR FOR CHEMICAL RESEARCH, SOCIETE RHONE-OOULENC

CLAUDE FREJACQUES, DIRECTOR CHEMICAL DIVISION OF THE ATOMIC ENERGY COMMISSION

LOUIS GUIEYSSE, DEPUTY DIRECTOR-GENERAL OF REGIE AUTONOME DES TRANSPORTS PARISIENS'(RATP)

CLAUDE GUILLEMIN, DIRECTOR OF RESEARCH, BUREAU OF GEOLOGIC AND MINERAL RESEARCH (BRGM)

THE NEW MEMBERS ARE:

JEAN-CLAUDE BALACEANU, DIRECTOR-GENERAL OF THE UNCLASSIFIED

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PAGE 03 PARIS 14330 02 OF 05 032051Z

FRENCH OIL INSTITUTE

JACQUES BLAMONT, PROFESSOR UNIVERSITY OF PARIS VI

PIERRE CHAVANCE, DIRECTOR OF DEVELOPMENT, GENERAL ELECTRICITY COMPANY

SERGE FENEUILLE, DIRECTOR OF RESEARCH, NATIONAL CENTER FOR SCIENTIFIC RESEARCH (CNRS)

YVES FREVILLE, PROFESSOR, UNIVERSITY OF RENNES - I

JACQUES FRIEDEL, DIRECTOR OF RESEARCH, NATIONAL CENTER FOR SCIENTIFIC RESEARCH (CNRS)

RAYMOND BOUDON, PROFESSOR, UNIVERSITY OF PARIS V

PIERRE LOUISOT, PROFESSOR, L'UER DE MEDICINE OF SOUTH LYON

MRS. NICOLE LE DOUARIN, DIRECTOR OF RESEARCH, CNRS
PHILIPPE MEYER, PROFESSOR, UNIVERSITY OF PARIS V
MICHEL VIGNAUX, PROFESSOR, UNIVERSITY OF BORDEAUX I

6. "PUK CEDES TO COGEMA PARTIAL INTEREST IN URANIUM
TREATMENT COMPANIES" - LE MONDE, MARCH 31, 1978, P. 28

"PECHINEY-UGINE-KUHLMANN (PUK) WILL TURN OVER TO
'COMPAGNIE GENERALE DES MATIERES NUCLEAIRES' (COGEMA)
SEVERAL OF ITS SHARES IN TREATMENT, COMMERCIALIZATION
AND URANIUM ENRICHMENT COMPANIES ACCORDING TO AN
AGREEMENT SIGNED MARCH 29 IN PARIS.

"COGEMA'S INTEREST IN 'SOCIETE INDUSTRIELLE DES
MINERALS DE L'OUEST' (SIMO) WILL INCREASE FROM 10 TO
51 PERCENT. SIMO OPERATES THREE TREATMENT PLANTS
LOCATED IN FIELDS ALREADY OPERATED BY COGEMA.

"IN THE FIELD OF COMMERCIALIZATION, MINATOME,
AFFILIATE OF PUK AND 'COMPAGNIE FRANCAISE DES PETROLES',

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PAGE 01 PARIS 14330 03 OF 05 032058Z
ACTION OES-07

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UNCLAS SECTION 03 OF 05 PARIS 14330

WILL TURN OVER 50 PERCENT OF ITS INTEREST IN THE
'SOCIETE MINIERE PECHINEY MOKTA' (SMPM) AND 15 PERCENT
IN 'COMPAGNIE FRANCAISE DES MINERALS D'URANIUM' (CFMU).

"IN THE FIELD OF ENRICHMENT, PUK WILL CEDE 21.4 PERCENT OF ITS INTEREST IN 'SOCIETE DE CONSTRUCTION DES USINES DE SEPARATION ISOTOPIQUE' (USSI) AND 19.6 PERCENT IN 'SOCIETE FRANCAISE DES ELEMENTS CATALYTQUES' (SFEC).

"THIS AGREEMENT WILL NOT AFFECT PUK'S INTEREST IN THE FIELD OF NUCLEAR FUEL FABRICATION.

7. "FRENCH CHEMISTRY FEDERATION FORMED" - LE MONDE, MARCH 31, 1978, P. 20

"NINE 'SOCIETES SAVANTES' OF CHEMISTRY UNITED TO FORM THE FRENCH CHEMISTRY FEDERATION UNDER THE PRESIDENCY OF ALAIN HOREAU, MEMBER OF THE ACADEMY OF SCIENCES AND ADMINISTRATOR OF UNCLASSIFIED

UNCLASSIFIED

PAGE 02 PARIS 14330 03 OF 05 032058Z

THE COLLEGE OF FRANCE.

"WHILE EACH ORGANIZATION WILL RETAIN ITS OWN IDENTITY, EACH WILL COMBINE TO PRESENT A COMMON REPRESENTATION, DOMESTICALLY AND INTERNATIONALLY. THE FEDERATION WILL COORDINATE DEMONSTRATIONS ORGANIZED BY FEDERAL ASSOCIATIONS; HARMONIZE SCIENTIFIC ACTIVITIES OF DIFFERENT SOCIETIES; DIFFUSE INFORMATION BY SPECIALIZED MAGAZINES, NOTABLY 'ACTUALITE CHIMIQUE'."

8. "FRANCO-SPANISH AGREEMENTS WITH CEA SUBSIDIARY" - A.F.P. SCIENCES, APRIL 6, 1978, NO. 123, P. 30

"INTERCONTROLE, A SUBSIDIARY OF THE FRENCH ATOMIC ENERGY COMMISSION (CEA) AND TECHNIP, WILL UNDERTAKE THE EXCLUSIVE COMMERCIALIZATION OF ACOUSTICAL EMISSION PRODUCTS DEVELOPED AND MANUFACTURED BY SEPEMA UNDER TERMS OF A RECENT AGREEMENT. INTERCONTROLE HANDLES SYSTEMS OF OBSERVATION AND LOCALIZATION OF ACOUSTICAL EMISSION SOURCES. INTERCONTROLE ALSO CONCLUDED A REPRESENTATION AGREEMENT WITH THE SPANISH COMPANY CUALICONTROL S.A. IN ORDER TO PROMOTE THE SALE OF THE CEA DEVELOPED NON-DESTRUCTIVE CONTROL PROCESS. THE SPANISH COMPANY IS INTERESTED IN THIS PROCESS, ESPECIALLY FOR USE IN NUCLEAR, PETROCHEMICAL AND METALLURGICAL FIELDS. ALSO UNDER THIS SECOND AGREEMENT, INTERCONTROLE WILL HAVE THE BENEFIT OF CUALICONTROL'S INDUSTRIAL EXPERIENCE AND COMMERCIAL NETWORK IN SPAIN AND LATIN AMERICA."

9. "INAUGURATION OF FIRST EUROPEAN INFORMATION NETWORK" - A.F.P. SCIENCES, APRIL 13, 1978, NO. 124,

P. 13

UNCLASSIFIED

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PAGE 03 PARIS 14330 03 OF 05 032058Z

"ON APRIL 5, RESEARCH CENTERS IN MILAN, ZURICH, PARIS, LONDON AND ISPRA WERE LINKED BY EIN, THE FIRST TELE-INFORMATION NETWORK USING THE TECHNIQUE OF PACKAGE SUBSTITUTION. EIN, RESERVED FOR UNIVERSITIES, IS THE RESULT OF A COLLABORATION BETWEEN 10 EUROPEAN COUNTRIES AND EURATOM."

10. "CANADIAN SCIENTISTS TO STUDY CONSEQUENCES OF BRITTANY 'BLACK TIDE'" - A.F.P. SCIENCES, APRIL 13, 1978, P. 23, NO. 124

"PROFESSOR JOHN VANDERMEULEN OF THE BEDFORD INSTITUTE OF OCEANOGRAPHY IN NOVA SCOTIA WILL LEAD A TEAM OF CANADIAN SCIENTISTS IN A STUDY OF THE CONSEQUENCES OF THE RECENT OIL POLLUTION OF THE BRITTANY COASTLINE. THEY ARE INTERESTED IN THE SIMILARITIES EXISTING BETWEEN THAT COASTLINE AND THOSE OF PRINCE EDWARD ISLAND AND THE SAINT-LAURENT REGION. THE TEAM INCLUDES THREE GEOMORPHOLOGUES, A SPECIALIST IN PETROLEUM INTERACTION AND A RESEARCHER IN ENVIRONMENTAL TOXICOLOGY."

11. "CNRS CREATES EPIDEMIOLOGY CENTER IN LYON" - A.F.P. SCIENCES, APRIL 13, 1978, NO. 124, P. 8

"THE ADMINISTRATIVE COUNCIL OF THE NATIONAL CENTER FOR SCIENTIFIC RESEARCH (CNRS) RECENTLY DECIDED TO CREATE AN EPIDEMIOLOGY CENTER IN LYON WHICH WILL BE DIRECTED BY RENE LAMBERT, PROFESSOR OF GASTRO-ENTEROLOGY AT CLAUDE BERNARD UNIVERSITY. THIS CENTER

UNCLASSIFIED

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PAGE 01 PARIS 14330 04 OF 05 032106Z
ACTION OES-07

INFO OCT-01 EUR-12 ISO-00 NSF-02 EPA-04 NAS-01 SOE-02

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UNCLAS SECTION 04 OF 05 PARIS 14330

SHOULD COME TO REPRESENT A FOCUS OF RESEARCH DEVELOPMENT
IN THE FIELD OF EPIDEMIOLOGY, ONE OF CNRS' IMPORTANT
OBJECTIVES IN THE MEDICAL FIELD. THE FIRST PROGRAMS
WILL CONCERN THE EPIDEMIOLOGY OF VIRAL HEPATITIS AND THE
POSSIBLE CORRELATIONS WITH CANCERS OF THE LIVER, EATING
HABITS AND DIGESTIVE DIFFICULTIES, AS WELL AS THE
EPIDEMIOLOGY OF COLON POLYPS.

12. "HYDROGEN AND ITS NEW PROMISES" - LE FIGARO,
APRIL 19, 1978

"RESEARCHERS AT THE UNIVERSITY OF BORDEAUX HAVE
DISCOVERED A MORE EFFICIENT METHOD OF STORING HYDROGEN -
IN SOLID FORM. THIS IS ACCOMPLISHED BY TRAPPING THE
HYDROGEN BY COMBINING IT WITH A METAL OR ALLOY IN
HYDRIDE FORM. WHEN NEEDED, THE HYDROGEN CAN BE
LIBERATED BY REVERSING THE ORIGINAL CHEMICAL COMBINING
PROCESS. THE LABORATORY CHOSE AN ALLOY OF MAGNESIUM,
UNCLASSIFIED

UNCLASSIFIED

PAGE 02 PARIS 14330 04 OF 05 032106Z

LANTHANE AND MICKEL AS THE MOST SATISFYING METHOD. A
MAGNESIUM HYDRIDE IS REMARKABLE IN THAT THERE IS MUCH
WEIGHT FOR LITTLE VOLUME, I.E. BY ADDING
10 PERCENT LANTHANE-NICKEL (LANI5), 10 CUBIC METERS OF
HYDROGEN, STOCKED AT ATMOSPHERIC PRESSURE, WOULD WEIGH
13 KILOS INSTEAD OF 60.

"HYDROGEN TO RUN CARS? YES, EXPERIMENTAL ONES AT
THIS STAGE. ONE KILO OF HYDROGEN IS COMPARABLE TO
3.7 LITERS OF GAS FROM THE ENERGY VIEWPOINT. IN THE
21ST CENTURY, ONE CAN FORESEE ELECTRIC CARS FED BY
LIGHT, NON-POLLUTING HYDRIDES.

13. "FRANCE-SPAIN SIGN METROLOGY AGREEMENT" - A.F.P.

SCIENCES, MARCH 23, 1978, P. 3

"ON MARCH 22 FRANCE AND SPAIN SIGNED A METROLOGY COOPERATION AGREEMENT WHICH PROVIDES FOR FRENCH AID IN ESTABLISHING AN ASSOCIATED STANDARDS OFFICE FOR WEIGHTS AND MEASURES.

14. "ANDRE DIRAUD DECROATED BY JAPENESE" - A.F.F. SCIENCES, MARCH 23, 1978, P. 16

TASABURO KUMAGAI, MINISTER OF STATE AND DIRECTOR OF THE AGENCY FOR SCIENCE AND TECHNOLOGY, PRESENTED THE "ORDRE DU TRESOR SACRE" TO ANDRE GIRAUD FOR HIS ROLE IN THE DEVELOPMENT OF JAPAN'S REPROCESSING TECHNOLOGY. THIS AWARD IS SELDOM PRESENTED TO FOREIGNERS.

15. "TWO FRENCH SCIENTISTS NAMED 'FOREIGN ASSOCIATES' TO AMERICAN NATIONAL ENGINEERING ACADEMY" - A.F.P. SCIENCES, MARCH 23, 1978, P. 33
UNCLASSIFIED

UNCLASSIFIED

PAGE 03 PARIS 14330 04 OF 05 032106Z

"MARC J. PELEGRIN OF THE NATIONAL SUPERIOR SCHOOL OF AERONAUTICS AT TOULOUSE AND GEORGES A.C. VENDRYES OF THE FRENCH ATOMIC ENERGY COMMISSION WERE ELECTED TO MEMBERSHIP IN THE AMERICAN NATIONAL ACADEMY OF ENGINEERING. 100 AMERICANS AND 17 FOREIGN ASSOCIATES WERE ALSO ELECTED, BRINGING THE TOTAL MEMBERSHIP TO 915, 58 OF WHOM ARE FOREIGN ASSOCIATES.

16. "ADELIN VILLEVIEILLE NAMED PRESIDENT OF SCIENCES COMMISSION OF THE WORLD METEOROLOGICAL ORGANIZATION (WMO)"- A.F.P. SCIENCES, MARCH 23, 1978, P. 7

"ADELIN VILLEVIEILLE, FORMERLY DIRECTOR OF NATIONAL METEOROLOGICAL STUDIES AND RESEARCH PROGRAMS, HAS BECOME PRESIDENT OF THE WMO SCIENCES COMMISSION. MR. VILLEVIEILLE IS A SPECIALIST IN AFRICAN METEOROLOGY, IN SMALL AND MIDDLE LEVEL METEOROLOGY AND ESPECIALLY IN SPACE METEOROLOGY. HE IS ALSO PRESIDENT OF THE FRENCH COMMITTEE ON WEATHER MODIFICATION IN THE GENERAL DELEGATION FOR SCIENTIFIC AND TECHNICAL RESEARCH (DGRST).

17. "FIRST MEETING OF THE INFORMATION COUNCIL ON ELECTRO-NUCLEAR ENERGY" - A.F.P. SCIENCES, MARCH 23, 1978, P. 1

"THE INFORMATION COUNCIL ON ELECTRO-NUCLEAR ENERGY MET FOR THE FIRST TIME ON APRIL 4 AND WAS PRESIDED OVER

BY ITS PRESIDENT, SIMONE VEIL (ALSO MINISTER OF HEALTH
AND SOCIAL SECURITY). THE COUNCIL'S FIRST MEETING
WAS DEVOTED TO BRIEFING ITS MEMBERS ON THE CONDITIONS

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PAGE 01 PARIS 14330 05 OF 05 032113Z
ACTION OES-07

INFO OCT-01 EUR-12 ISO-00 NSF-02 EPA-04 NAS-01 SOE-02
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UNCLAS SECTION 05 OF 05 PARIS 14330

OF NUCLEAR ENERGY PRODUCTION.

18. "FIVE ARIANE ROCKETS TO BE BUILT" - A.F.P.
SCIENCES, APRIL 13, 1978, NO. 124, P. 9

"THE EUROPEAN SPACE AGENCY BOARD DECIDED IN EARLY
APRIL TO BUILD FIVE ARIANE ROCKETS, PRODUCTION OF
THIS PRE-WERIES TO BEGIN AS OF THAT DATE. THESE ROCKETS
WILL BE USED TO LAUNCH THE FOLLOWING SATELLITES: EXOSAT
(SCIENTIFIC), ECS-1 (TELECOMMUNICATIONS), MAROTS-B
(MARITIME NAVIGATION), SPOT (EARTH OBSERVATION), THE
FIFTH, WHOSE FINANCING IS NOT COMPLETED, WILL SERVE AS
A SPARE. ROY GIBSON, DIRECTOR GENERAL OF THE
EUROPEAN SPACE AGENCY, MUST SPECIFY BEFORE THE END OF
APRIL THE FINANCIAL CONTRIBUTIONS OF EACH PARTICIPATING
COUNTRY.

"THE BOARD ALSO NOTED THE FRG HAD DECIDED TO
UNCLASSIFIED

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PAGE 02 PARIS 14330 05 OF 05 032113Z

PARTICIPATE FOR A PERIOD OF SIX MONTHS IN THE STUDY OF THE HEAVY TELECOMMUNICATION PLATFORM, H-SAT. AUSTRIA, GREAT BRITAIN, ITALY AND FRANCE WILL ALSO TAKE PART IN THIS STUDY. CANADA, ALSO WISHING TO TAKE PART, MUST AWAIT AUTHORIZATION SINCE ITS PARTICIPATION POSES TECHNICAL PROBLEMS.

"THE BOARD FAILED TO AGREE ON THE LEVEL OF RESOURCES FOR 1978-80 AND ON THE 1978 BUDGET.

19. "SCIENTIFIC DIPLOMATS WANT TO MULTIPLY INTERNATIONAL EXCHANGES" - LE FIGARO, APRIL 26, 1978, P. 9

"STUDY DAYS ON SCIENTIFIC AND TECHNICAL EXCHANGES IN THE MEDITERRANEAN, ORGANIZED BY THE MINISTRY OF FOREIGN AFFAIRS' GENERAL DIRECTION OF SCIENTIFIC RELATIONS AND THE GENERAL DIRECTION OF SCIENTIFIC AND TECHNICAL RESEARCH (DGRST), OPENED APRIL 25 IN AIX AND MARSEILLE. THE PURPOSE OF THIS MEETING IS TO RECYCLE NUMEROUS SCIENTIFIC COUNSELORS OF FRENCH EMBASSIES IN MEDITERRANEAN COUNTRIES AND TO STIMULATE COOPERATION IN SCIENTIFIC POLITICS AND EXTERNAL TECHNOLOGY.

"FRANCE, THOUGH OCCUPYING 4TH OR 5TH PLACE IN WORLD RESEARCH, STILL MUST SEEK TECHNOLOGY EXTERNALLY. THEREFORE SCIENTIFIC COUNSELORS AND ATTACHES ASSIGNED TO VARIOUS FRENCH EMBASSIES ABROAD SERVE A THREEFOLD PURPOSE: URGE AND ORIENT SCIENTIFIC COOPERATION, SUPPORT EVENTUAL NEGOCIATIONS, AND PROVIDE AND SEEK INFORMATION. ONLY 11 EMBASSIES, THE MOST IMPORTANT ONES, HAVE COUNSELORS DEVOTED ENTIRELY TO SCIENTIFIC AFFAIRS; 17 EMBASSIES HAVE OFFICERS CONCERNED WITH

UNCLASSIFIED

UNCLASSIFIED

PAGE 03 PARIS 14330 05 OF 05 032113Z

CULTURAL OR TECHNICAL RELATIONS AS WELL AS SCIENTIFIC ONES; AND IN OTHER EMBASSIES, THERE ARE OFFICERS WHO ARE BEGINNING TO RECEIVE A BACKGROUND IN SCIENCE AND TECHNOLOGY.

"FRENCH SCIENTIFIC DIPLOMACY LEANS ON THREE ESSENTIAL PILLARS: WESTERN EUROPE, THE US, AND PARTICULAR TARGETS DICTATED BY NATIONAL NEEDS.

"THE FRENCH SCIENTIFIC COUNSELORS AND ATTACHES

AROUND THE WORLD MUST RESPOND TO THE NEEDS OF THEIR
COUNTRY AND TO THE OPPORTUNITIES FOR EXCHANGES WHICH
WOULD BENEFIT FRANCE AND THEIR COUNTRY OF ASSIGNMENT.
THESE EXCHANGES AND COOPERATION ARE THE BEST INDICATORS
OF SUCCESS."

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Message Attributes

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Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 2804239
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Subject: FRENCH SCIENTIFIC AND TECHNOLOGICAL ACTIVITIES - LATE MARCH THROUGH APRIL 1978
TAGS: TGEN, SOPN, FR
To: STATE
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